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PROJECT NO. 51840

RULEMAKING ESTABLISHING
ELECTRIC WEATHERIZATION
STANDARDS

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PUBLIC UTILITY COMMISSION
OF TEXAS

ERRATA TO INITIAL COMMENTS OF NEXTERA ENERGY RESOURCES, LLC

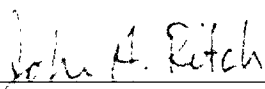
NextEra Energy Resources, LLC (“NextEra”) files this errata to correct the table denoting manufacturer ratings for generation equipment. The correction relates to the wind speed at which the equipment begins to derate. The correction is shown in this chart, which should replace the chart included in NextEra’s Initial Comments:

			Low Temp (C/F)	High Temp ¹ (C/F)	High Wind Speed at which turbines shutdown	Flood Mitigation for Generation Sites ²
Wind	Manufacturer 1	Standard	-15/5	40/104	57 mph on average	Above 100-year flood elevation
		Cold Weather	-30/-22	40/104		
	Manufacturer 2	Standard	-10/14	35/95	40-56 mph on average	
		Cold Weather	-25/-13	35/95		
		Hot Weather	-10/14	40/104		
	Manufacturer 3	Standard	-20/-4	35/95	56 mph average	
		Cold Weather	NA	NA		
Solar			-40/-40	50-60/ 122-140	Wind speeds at 45 mph start to impact generation	
Storage			-18/0	45/113	Designed to local building code standards	

NextEra respectfully requests that the Commission include this errata in its consideration of the comments filed in this docket.

¹ Denotes the temperature at which output begins to derate.

² Infrastructure such as foundations that support generating facilities are typically designed to an elevation above or equivalent to water levels of a 100-year flood event.


NEXTERA ENERGY RESOURCES

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A. Wind Turbine Winterization

NextEra has achieved reliable extreme cold weather performance in locations such as Colorado, Iowa, North Dakota, and Canada, where the majority of NextEra's wind turbines include cold weather packages. These cold weather packages allow wind turbines to operate at lower temperatures than the standard OEM design ratings, by relying on special low temperature lubricants and heating of specific mechanical components. For example, the addition of cold weather packages on NextEra's wind turbines in North Dakota and other cold winter locations has allowed some turbine models to continue operating at temperatures that are within 1° Fahrenheit of the coldest temperature on record in Texas. The Commission may wish to evaluate as a part of this rulemaking whether the use of cold weather packages may provide reliability benefits to the Texas electric market during emergency cold weather conditions.

B. Wind Turbine De-icing

NextEra embraces the development of new technologies, but it is our experience that effective de-icing and anti-icing technologies are not currently available for wind turbines in North America. NextEra has also confirmed in discussions with its OEMs that there is not a proven,

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